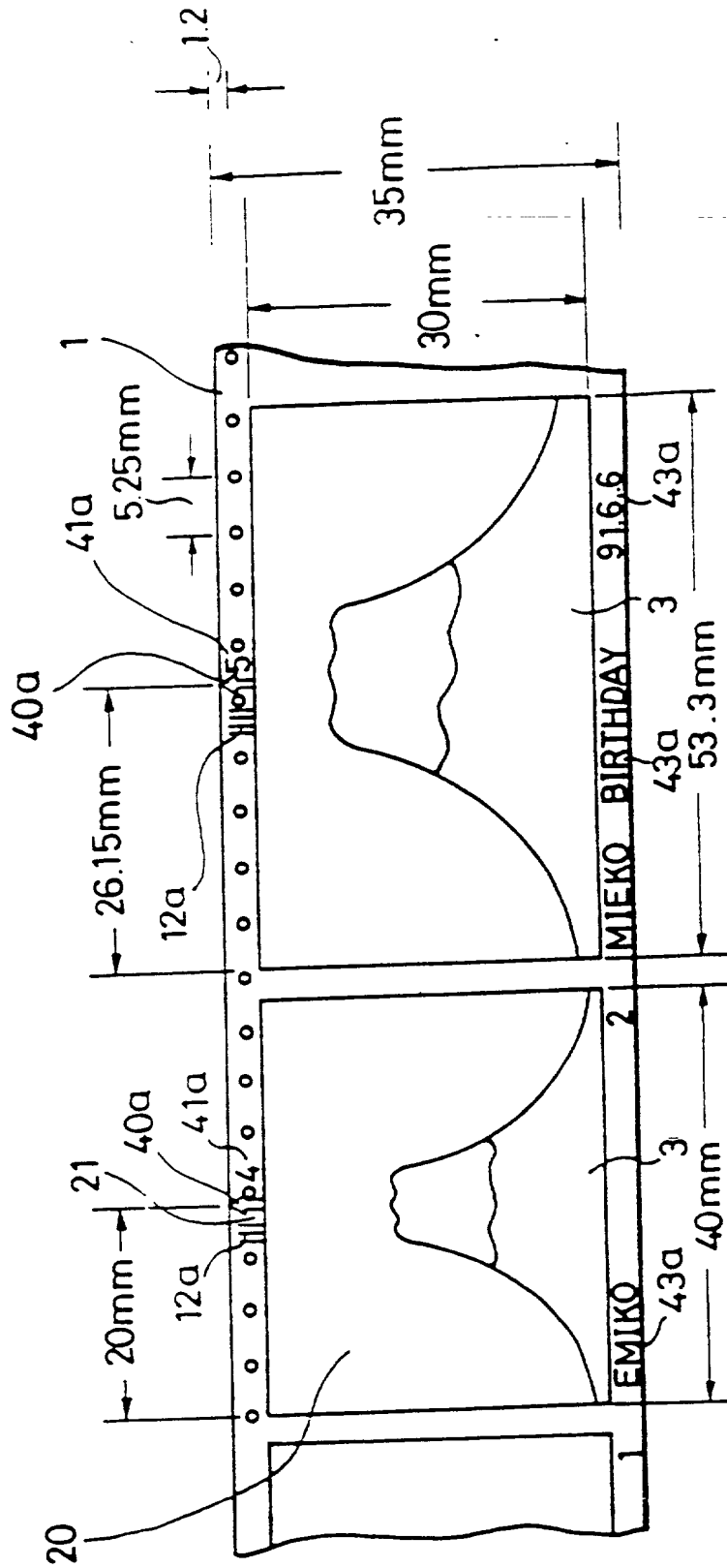


FIG. 1



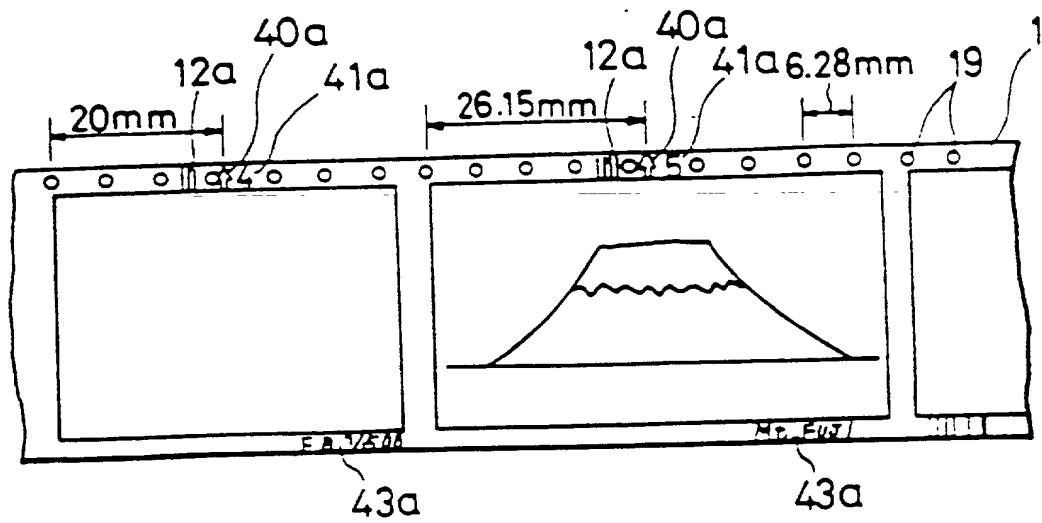


FIG. 3A

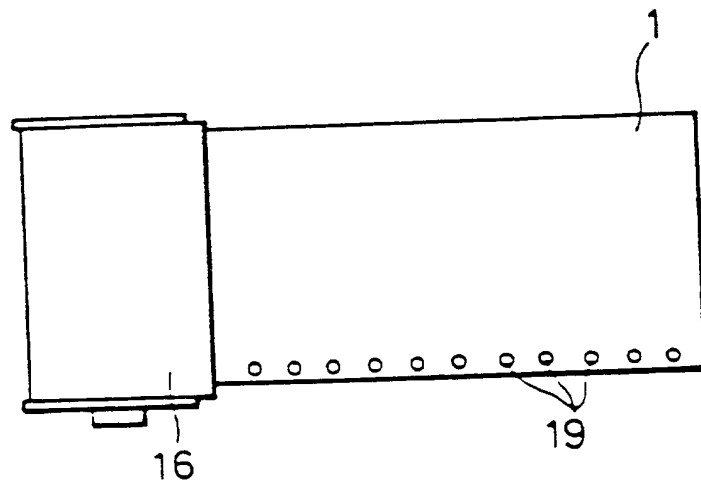
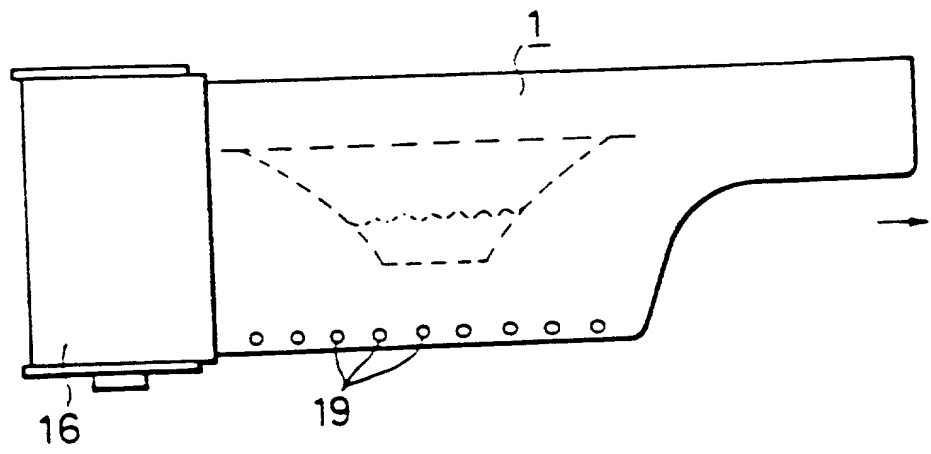


FIG. 3B



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FIG. 4A

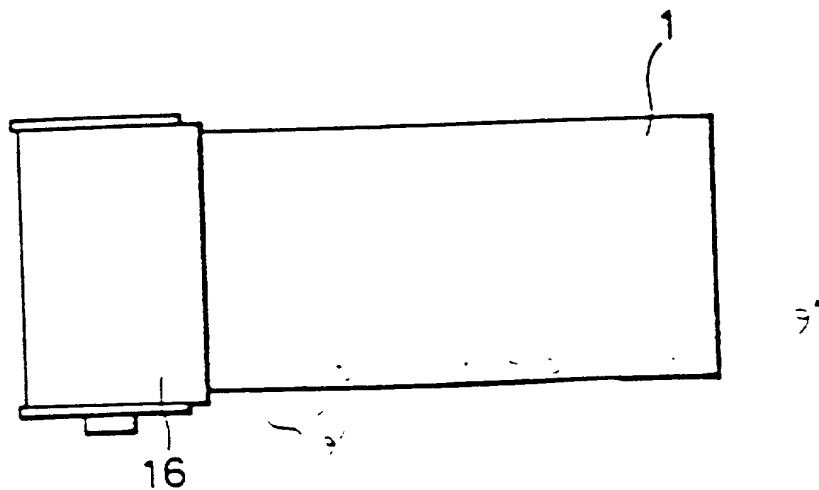
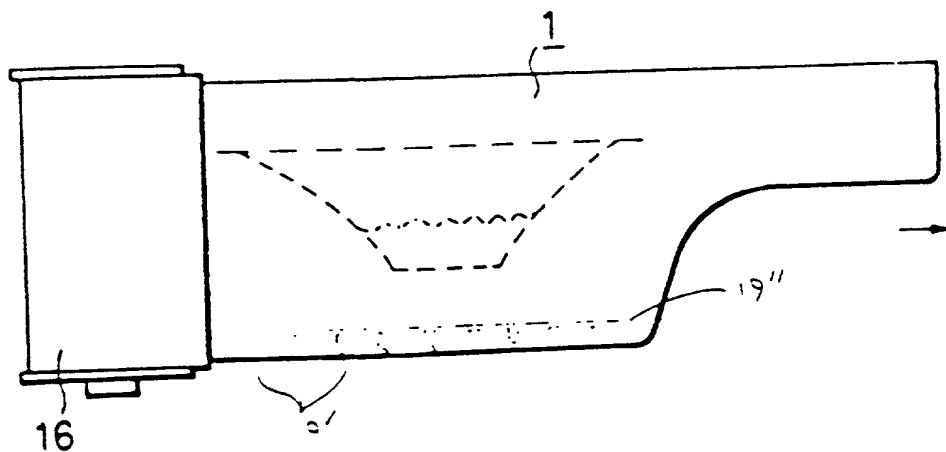


FIG. 4B



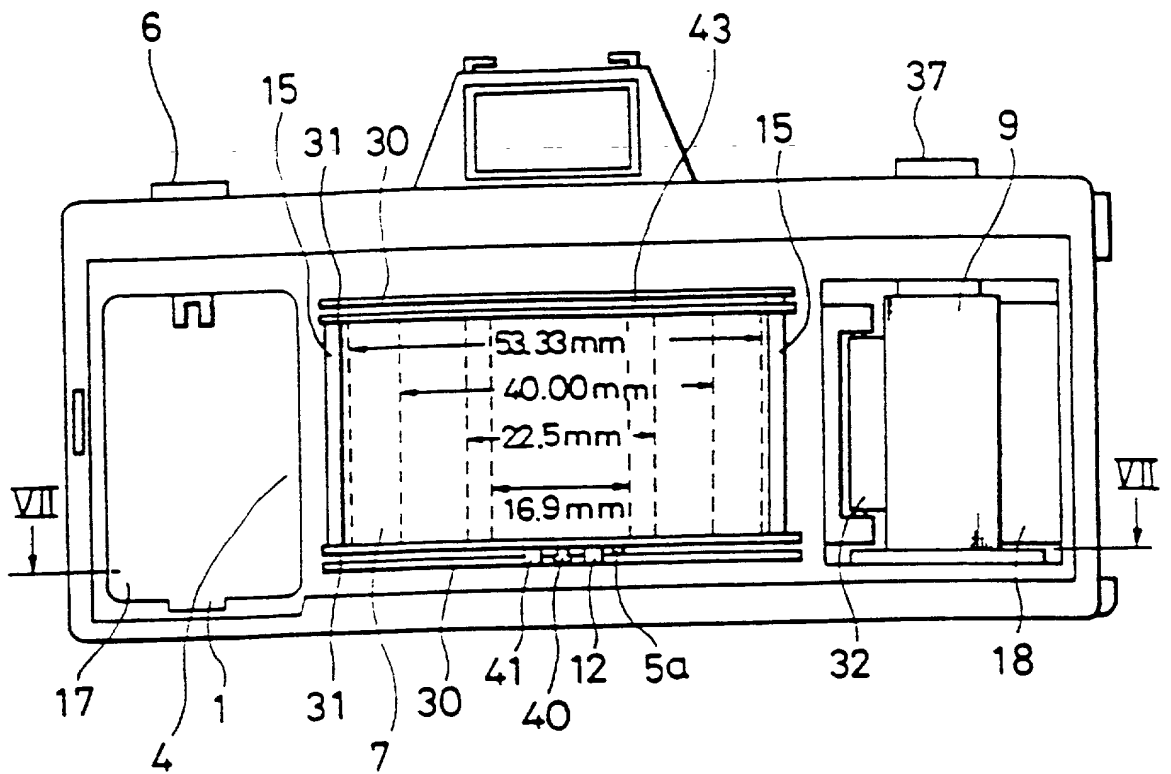


FIG. 6

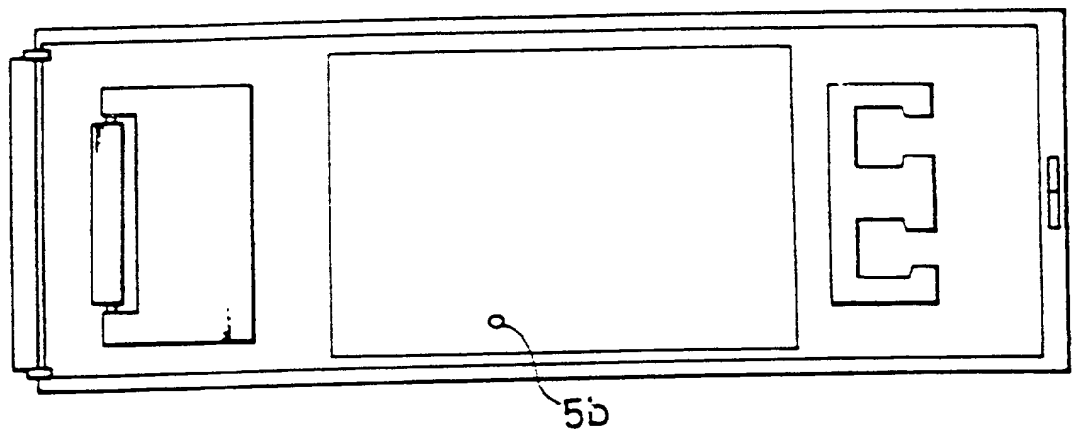
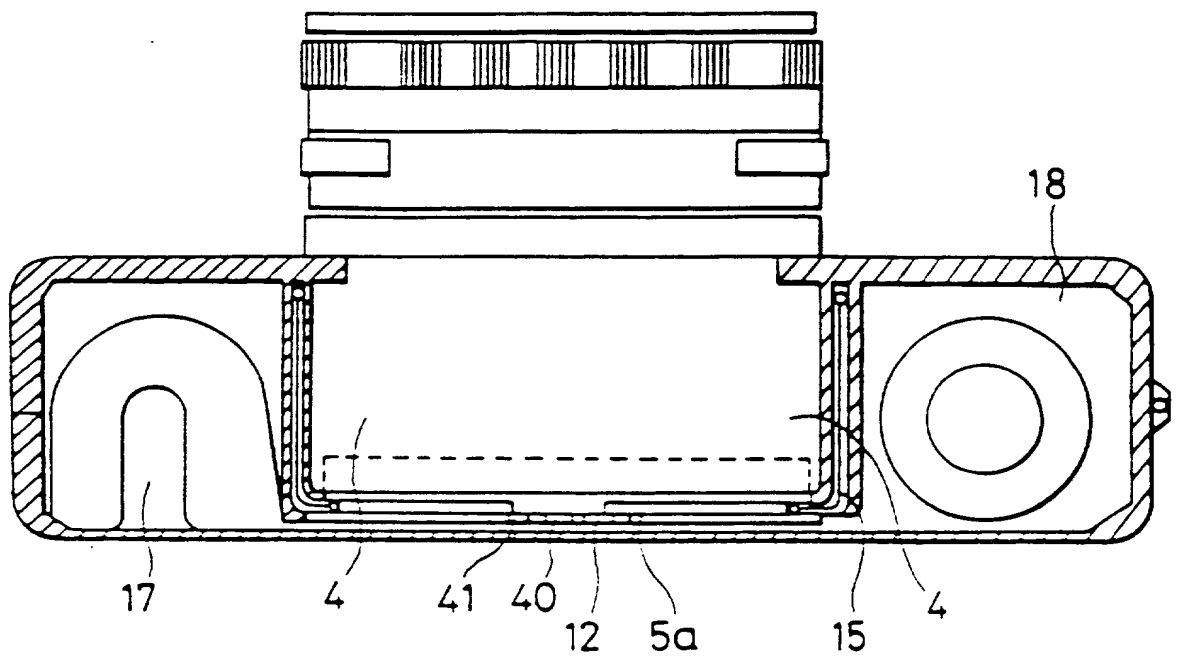
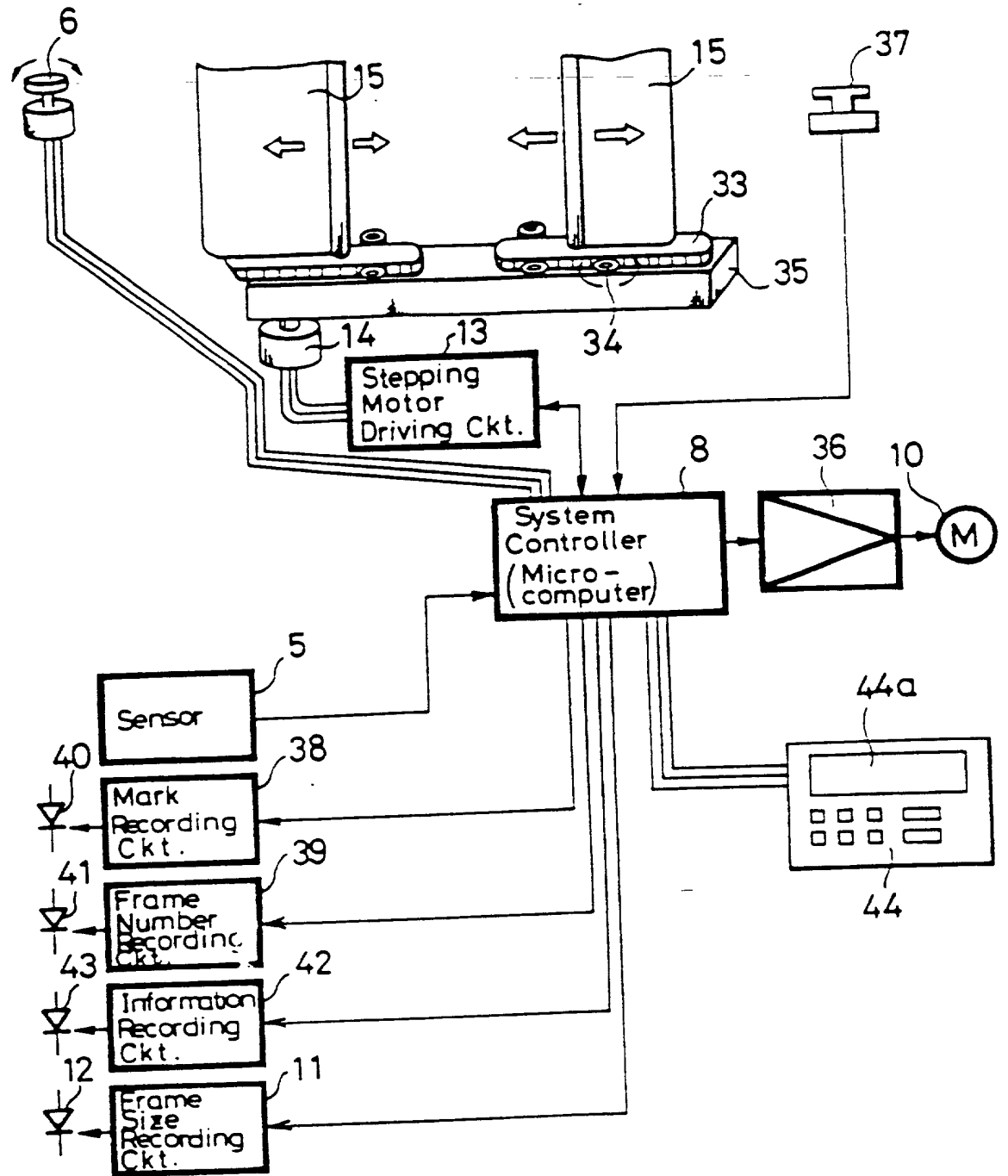


FIG. 7



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FIG. 5



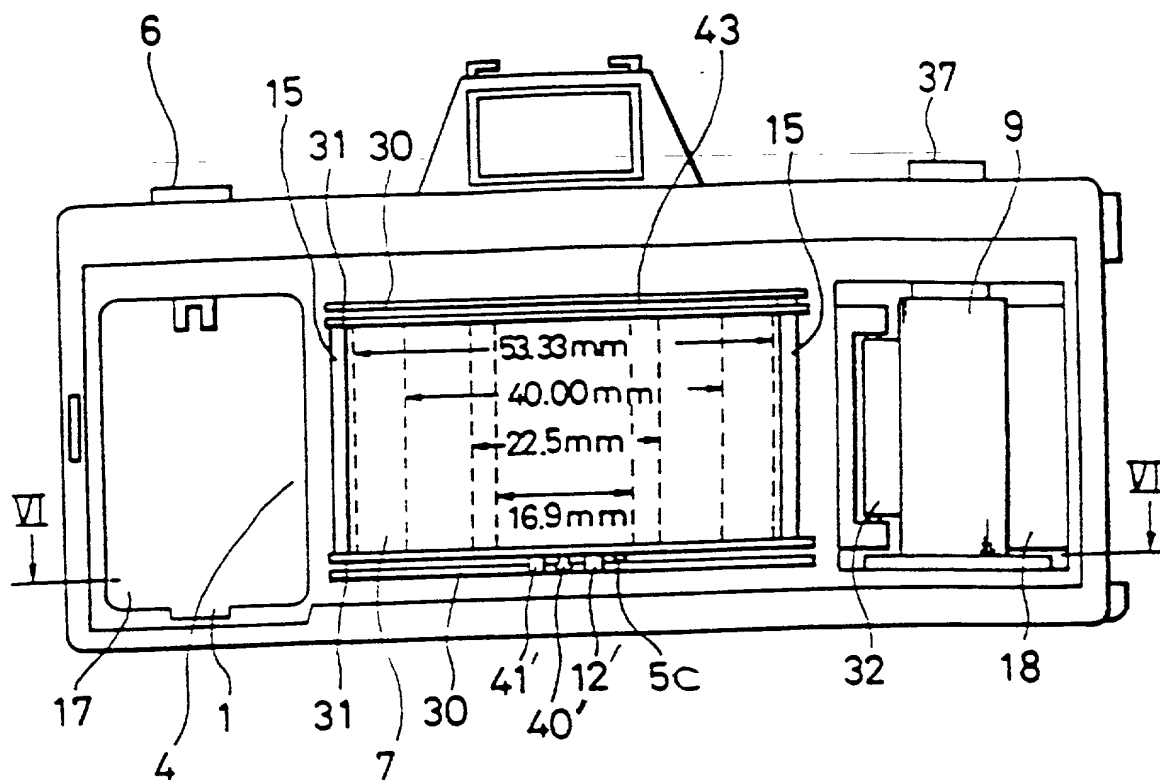


FIG. 10

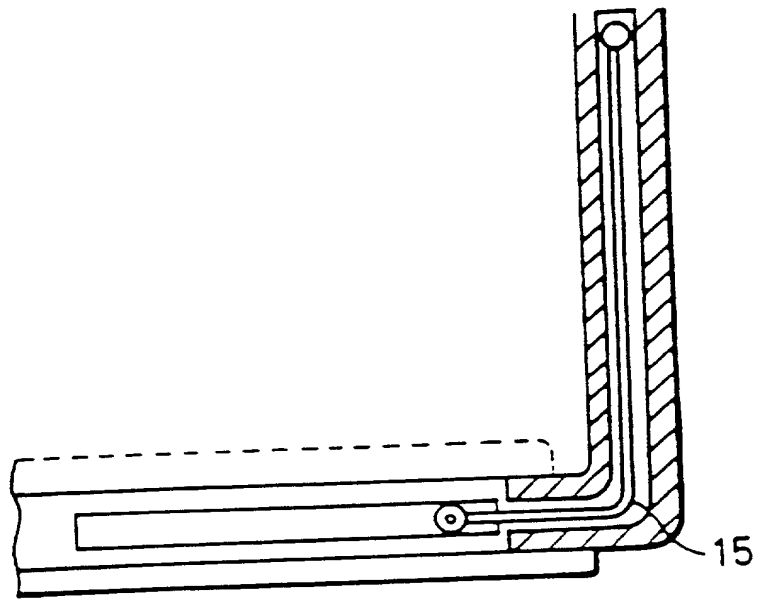


FIG. 11A

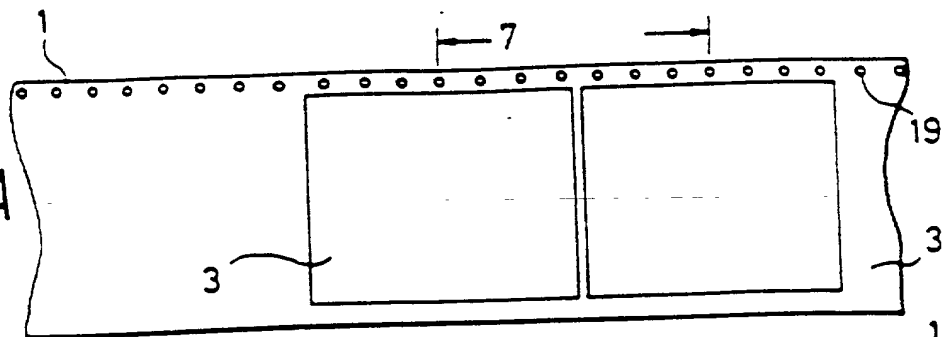


FIG. 11B

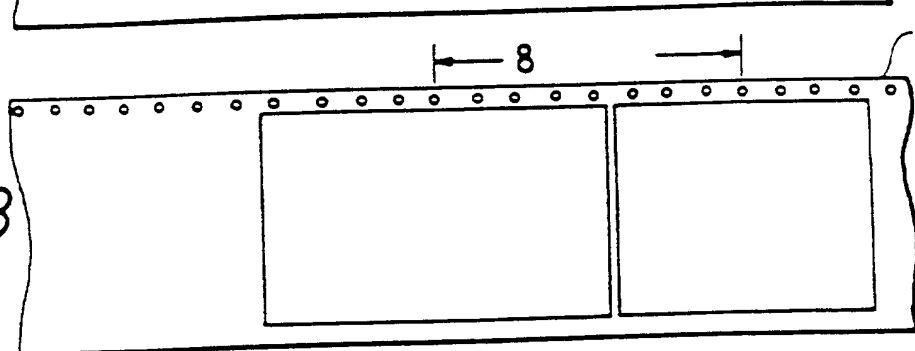


FIG. 11C

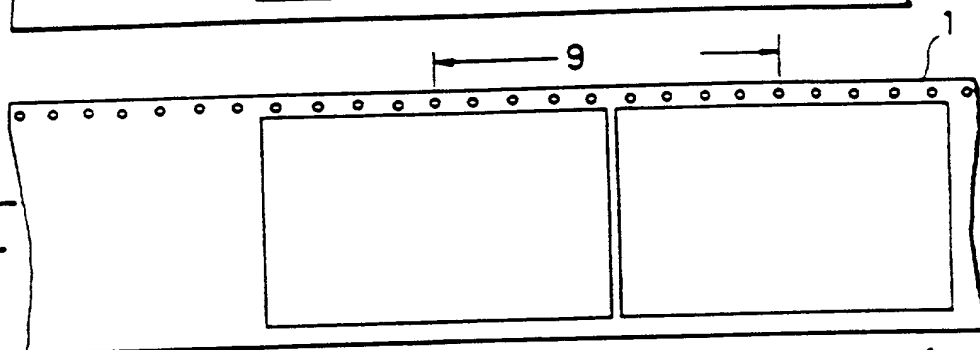


FIG. 11D

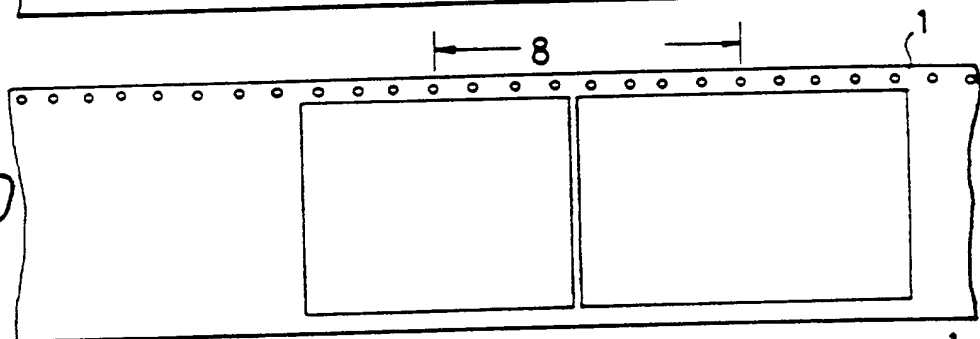


FIG. 11E

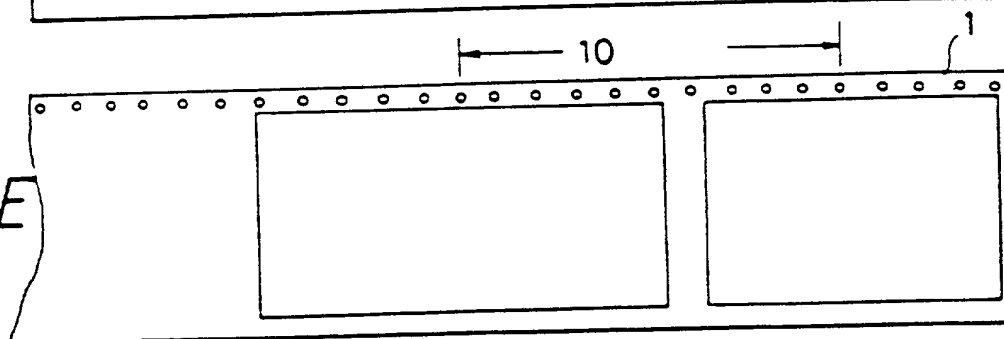
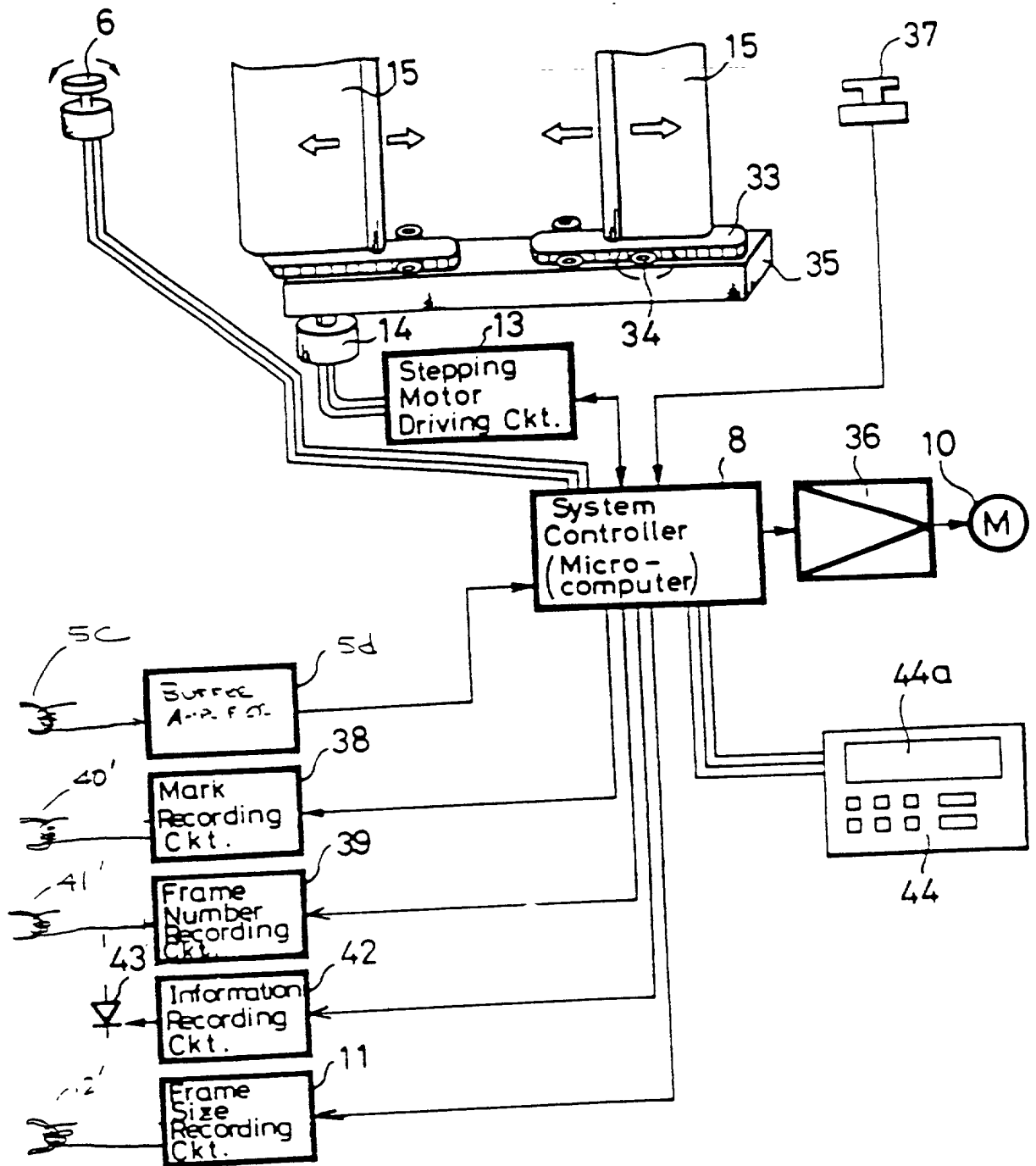


FIG. 12



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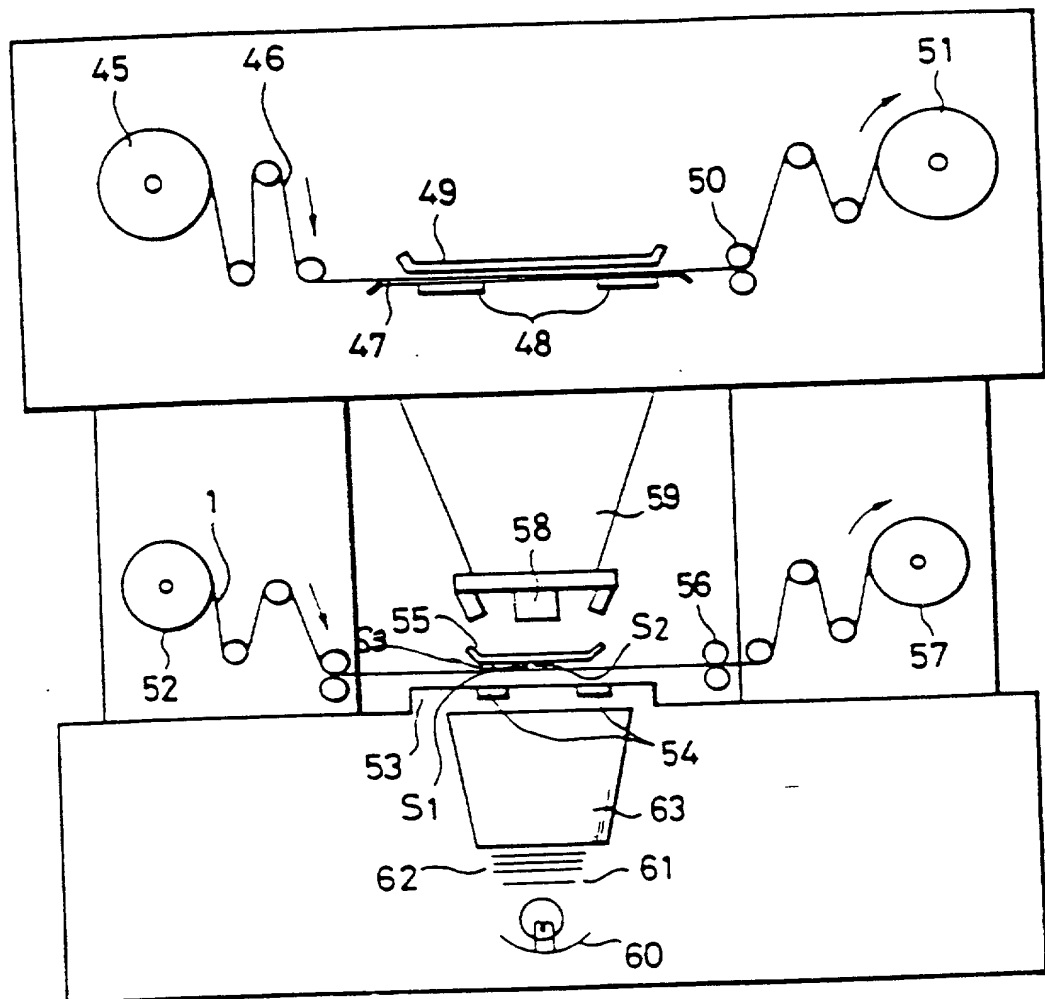


FIG. 14

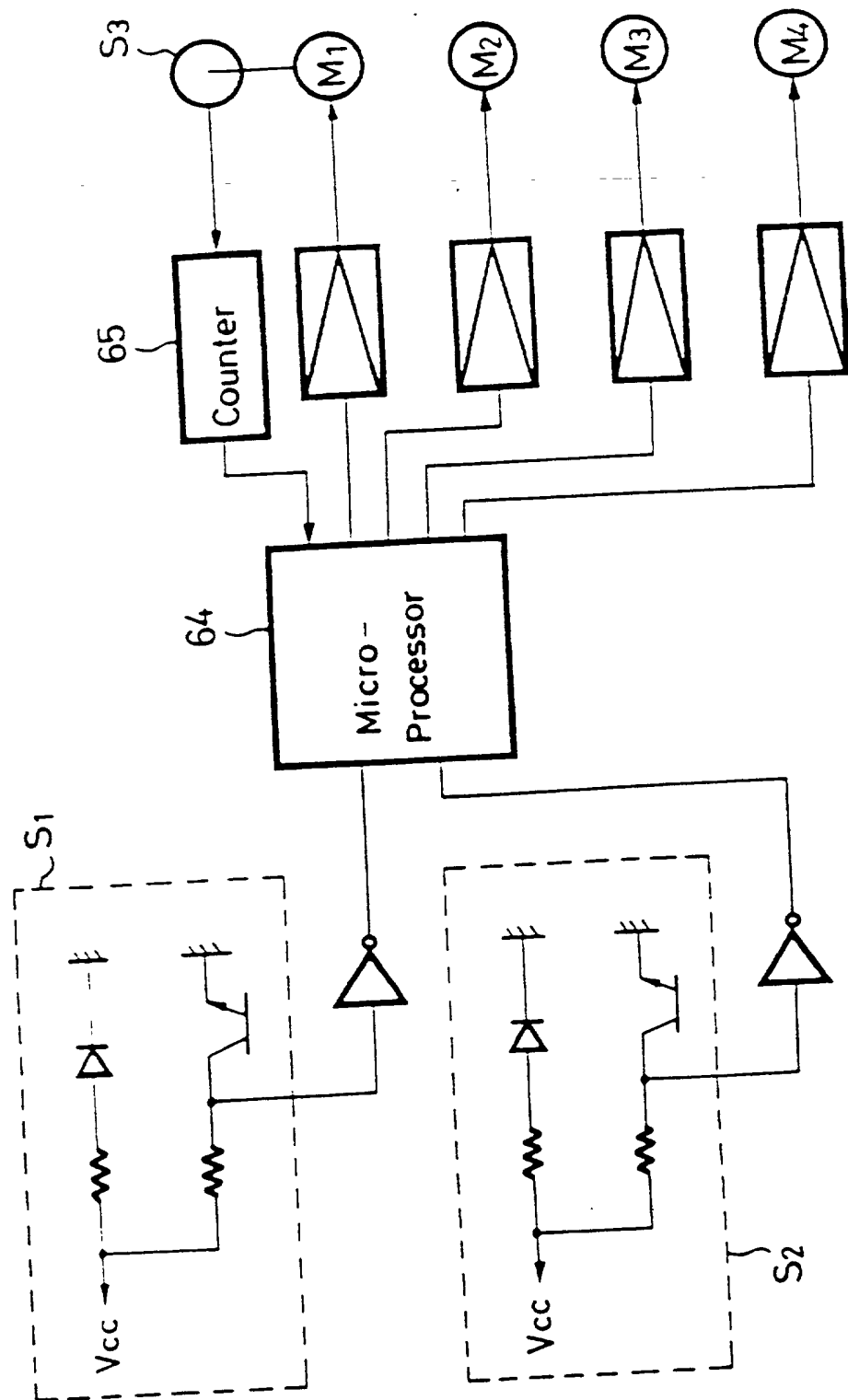
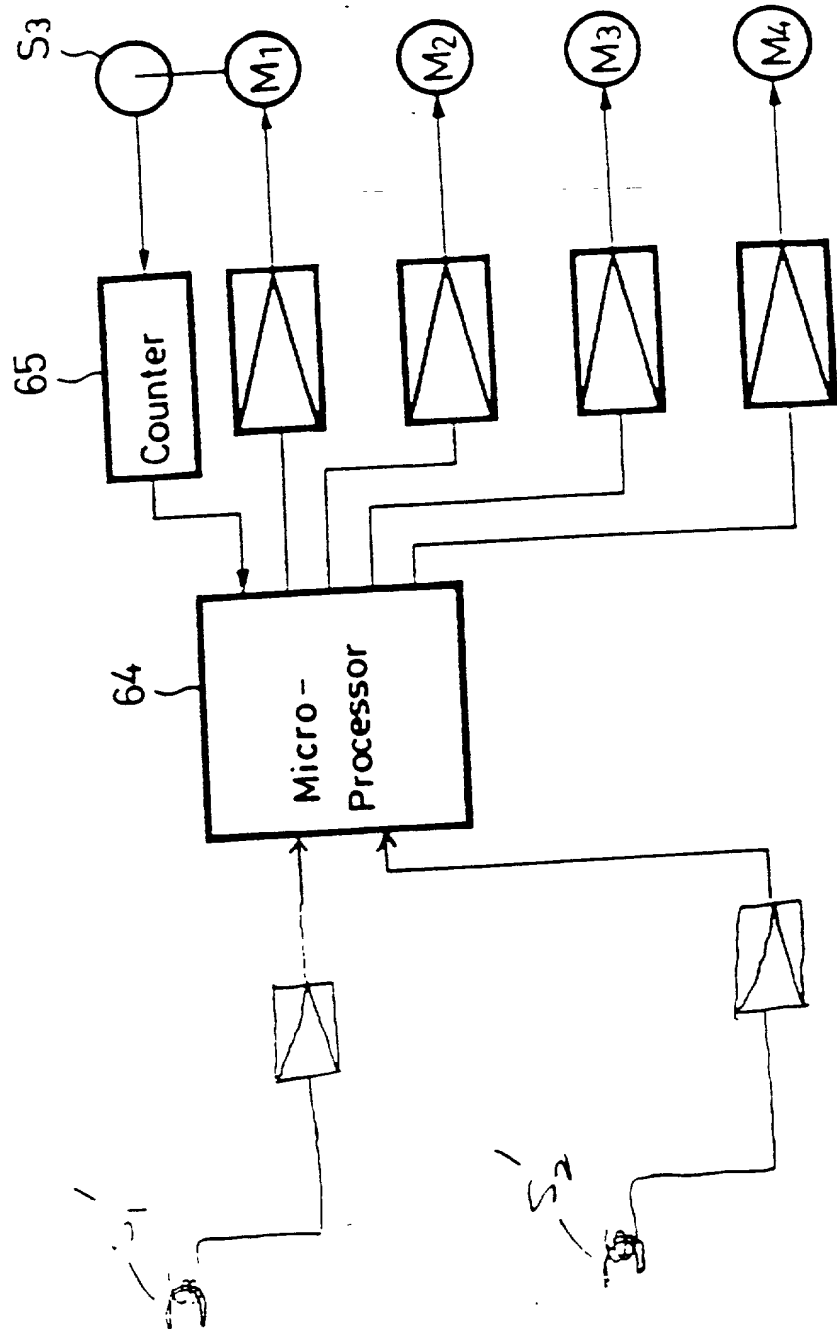
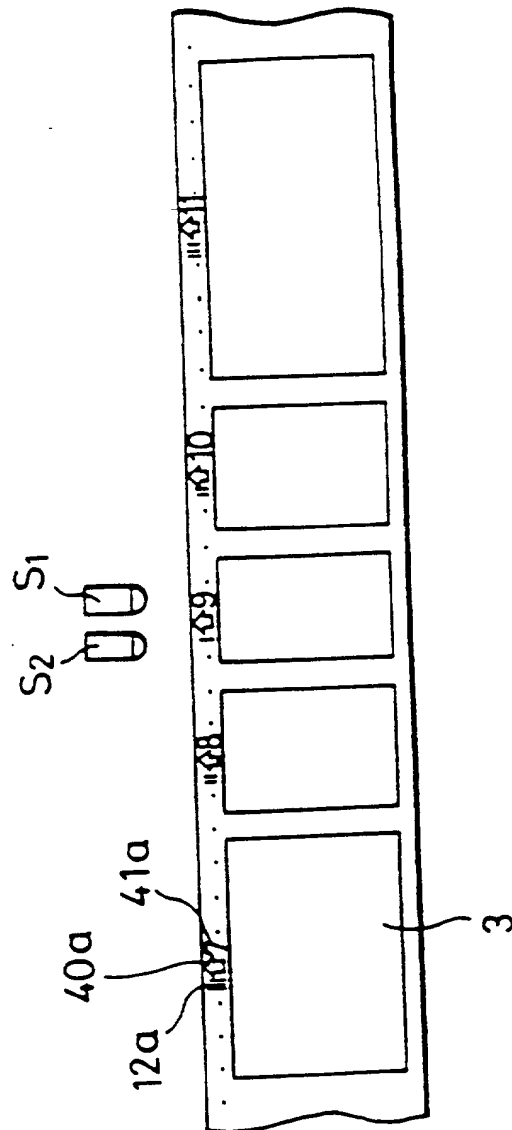
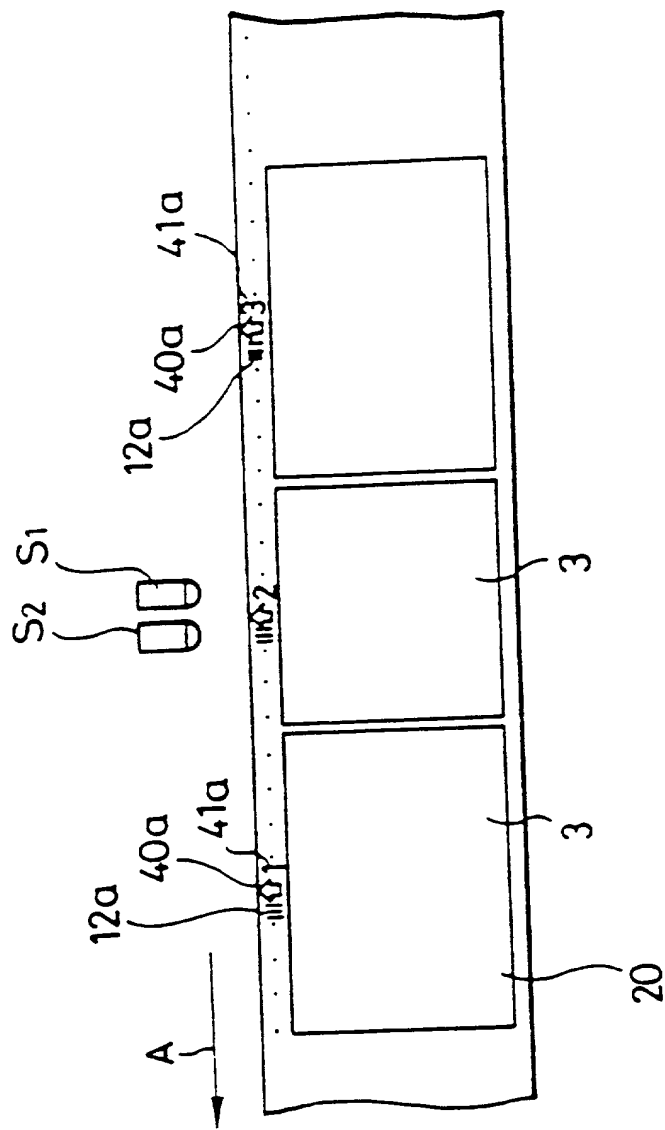


FIG. 15





```

graph TD
    Start([Start]) --> N0[n = 0]
    N0 --> Drive[Drive film]
    Drive --> Frame{Frame size detected?}
    Frame -- Yes --> Nplus[n → n + 1]
    Nplus --> Frame
    Frame -- No --> Central{Central mark detected?}
    Central -- No --> Drive
    Central -- Yes --> StopFilm[Stop film]
    StopFilm --> N3or4{n = 3 or 4?}
    N3or4 -- n = 3 --> ChangeSlit3[Change width of slit 54 to 38 mm]
    ChangeSlit3 --> ChangeMask3[Change width of mask 48 to 119 mm]
    ChangeMask3 --> MovePaper3[Move print paper]
    N3or4 -- n = 4 --> ChangeSlit4[Change width of slit 54 to 51 mm]
    ChangeSlit4 --> ChangeMask4[Change width of mask 48 to 158 mm]
    ChangeMask4 --> MovePaper4[Move print paper]
    MovePaper3 --> Print[Print]
    MovePaper4 --> Print
    Print --> Stop([Stop])
  
```

Frame
size
detected

Yes

$$n \rightarrow n+1$$

No

Central
mark
detected

No

Yes

Stop film

 $n = 3$

$n = 3$ or 4
?

$$n = 4$$

Change width
of slit 54 to
38 mm

Change width
of mask 48 to
119mm

Move print
paper

Change width
of slit 54 to
51mm

Change width
of mask 48 to
158 mm

Move print
paper

Print

Stop

FIG. 18A

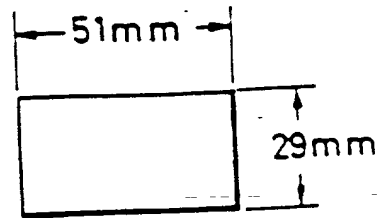


FIG. 18B

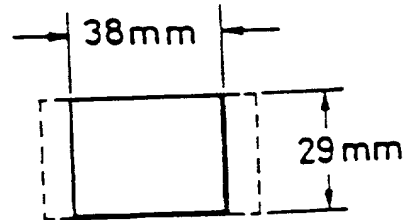


FIG. 19A

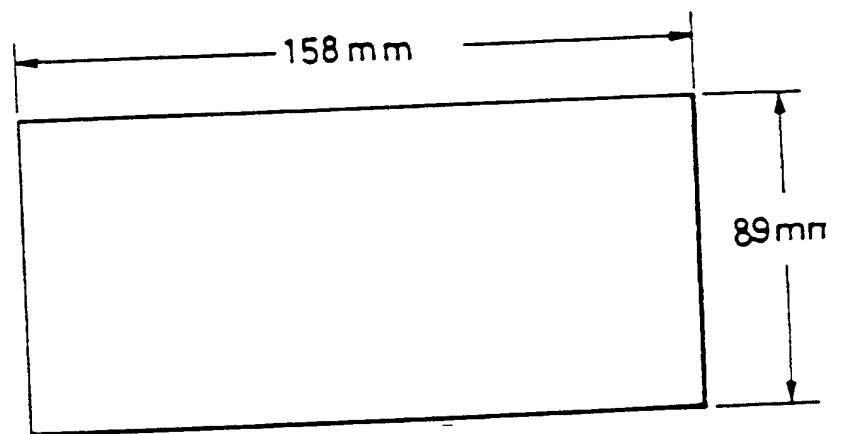


FIG. 19B

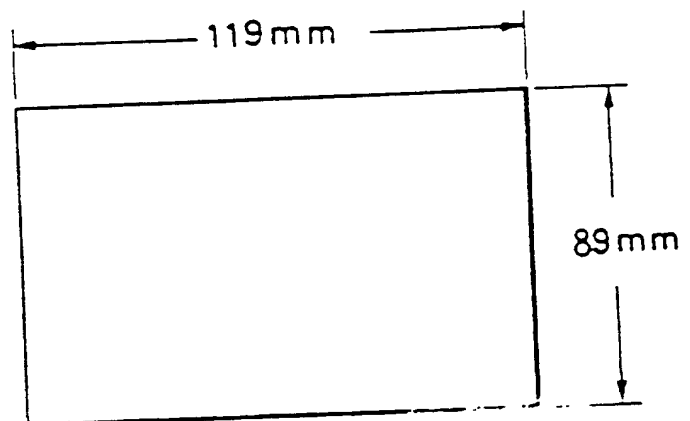


FIG. 20

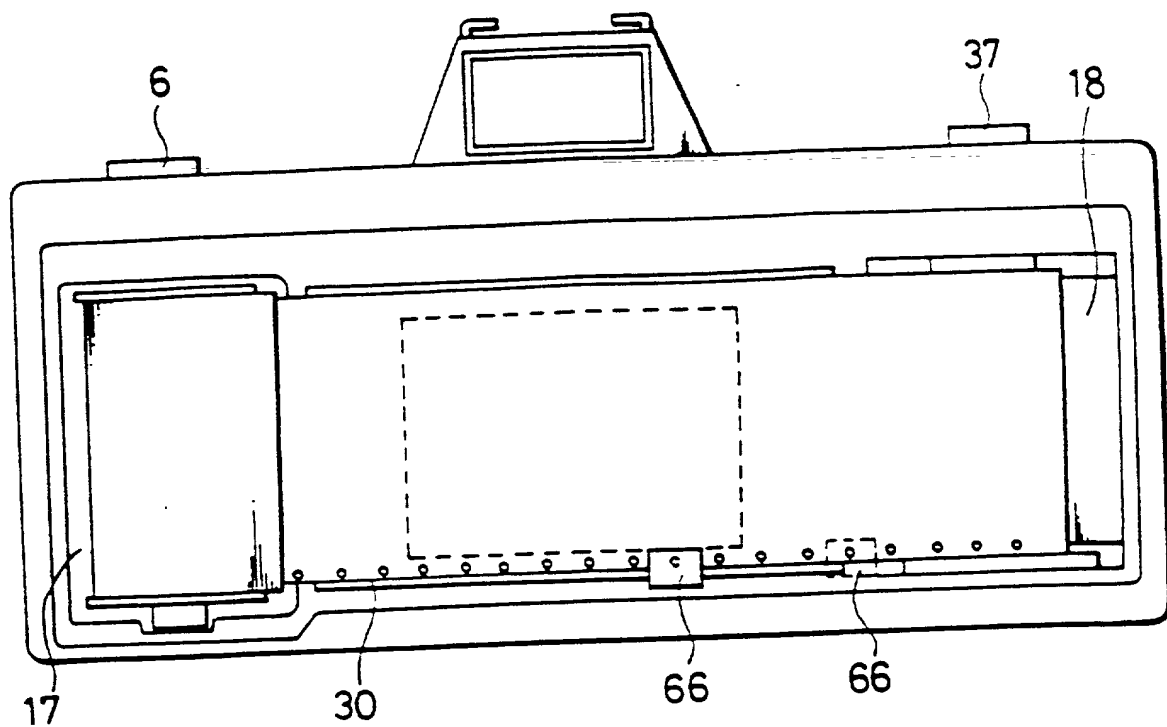
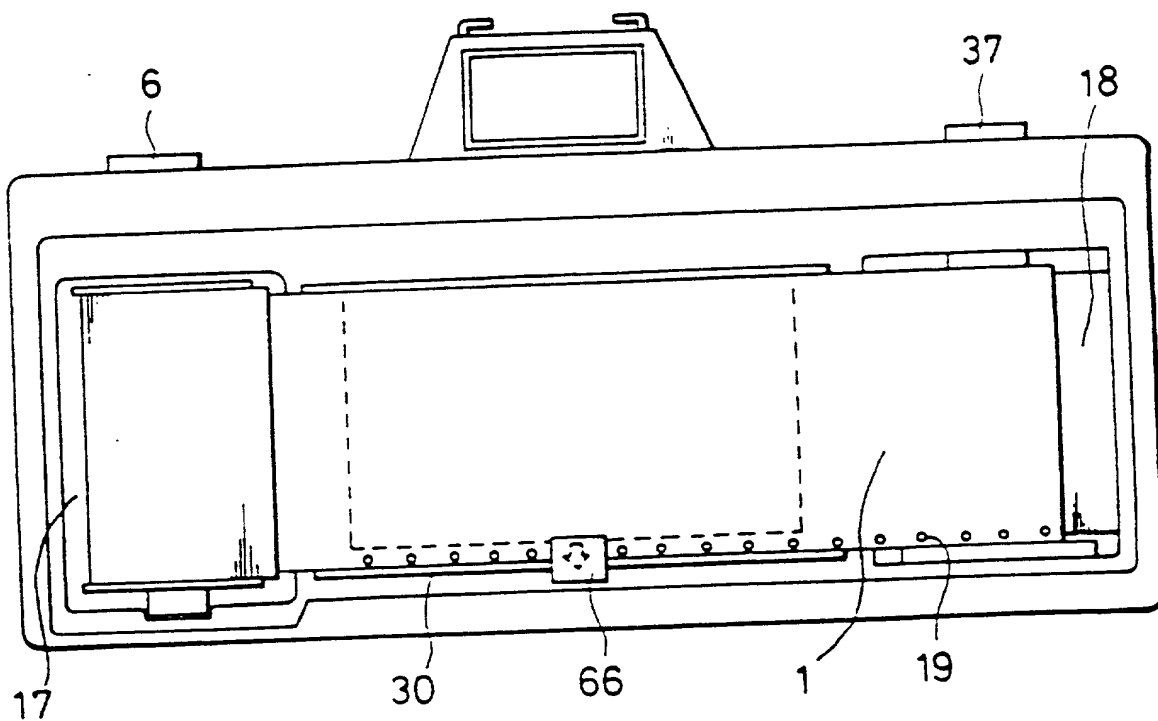


FIG. 21



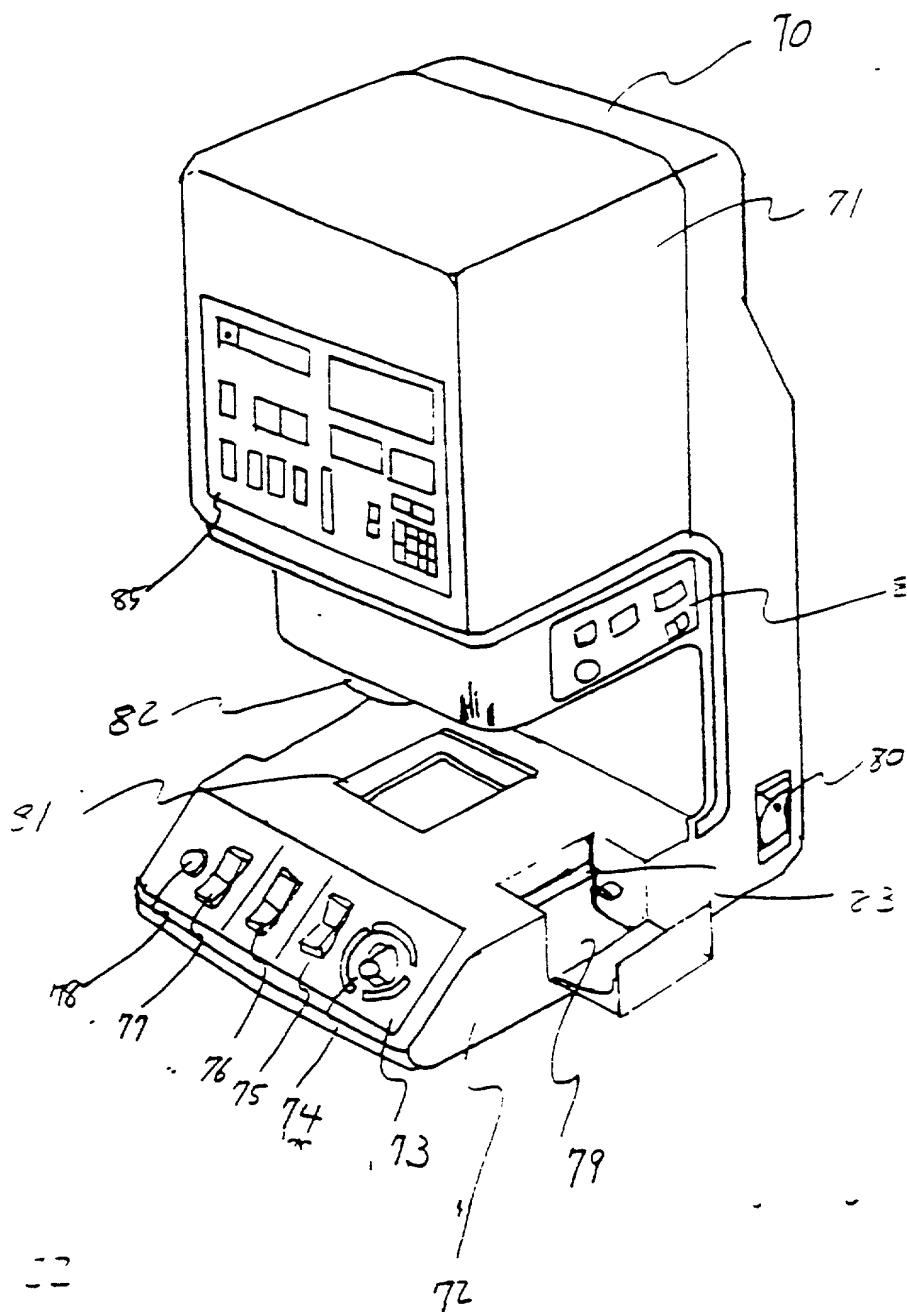
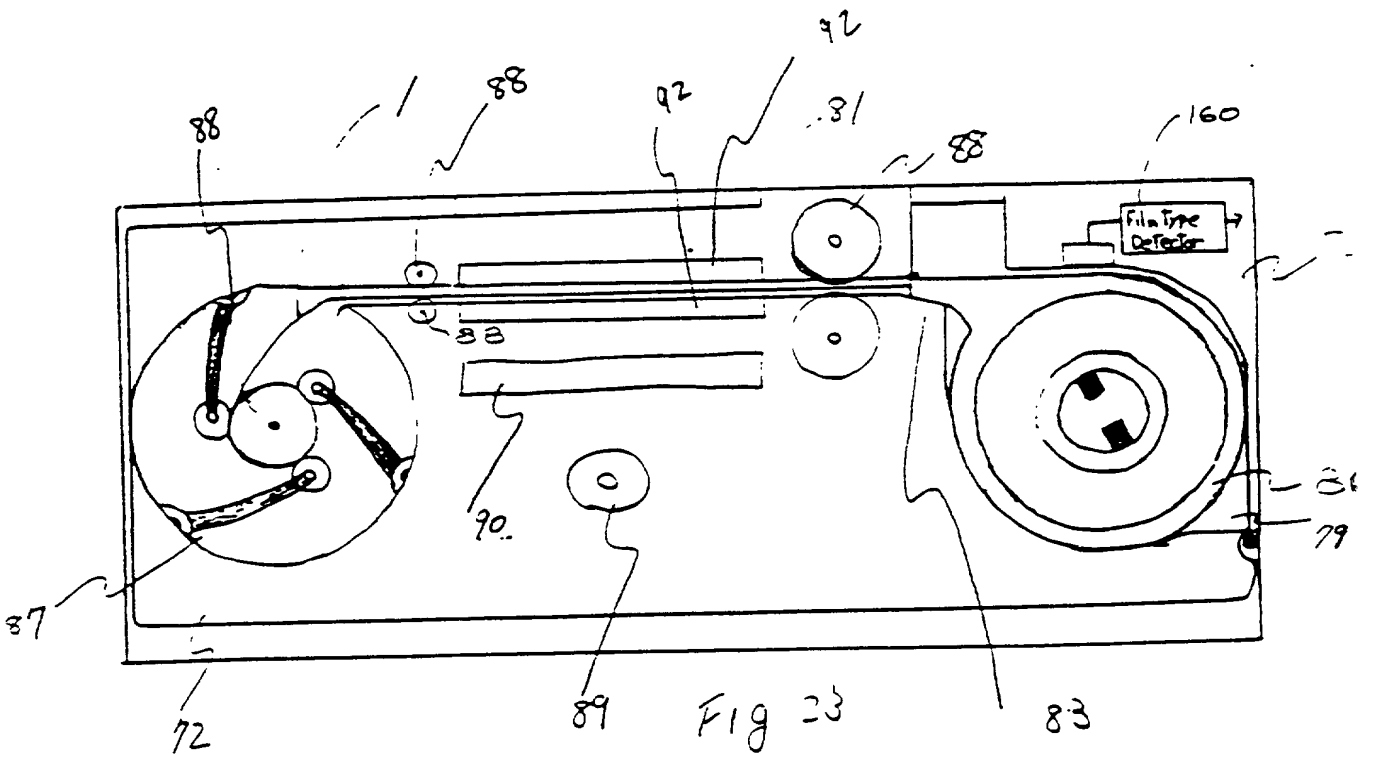


FIG. 22

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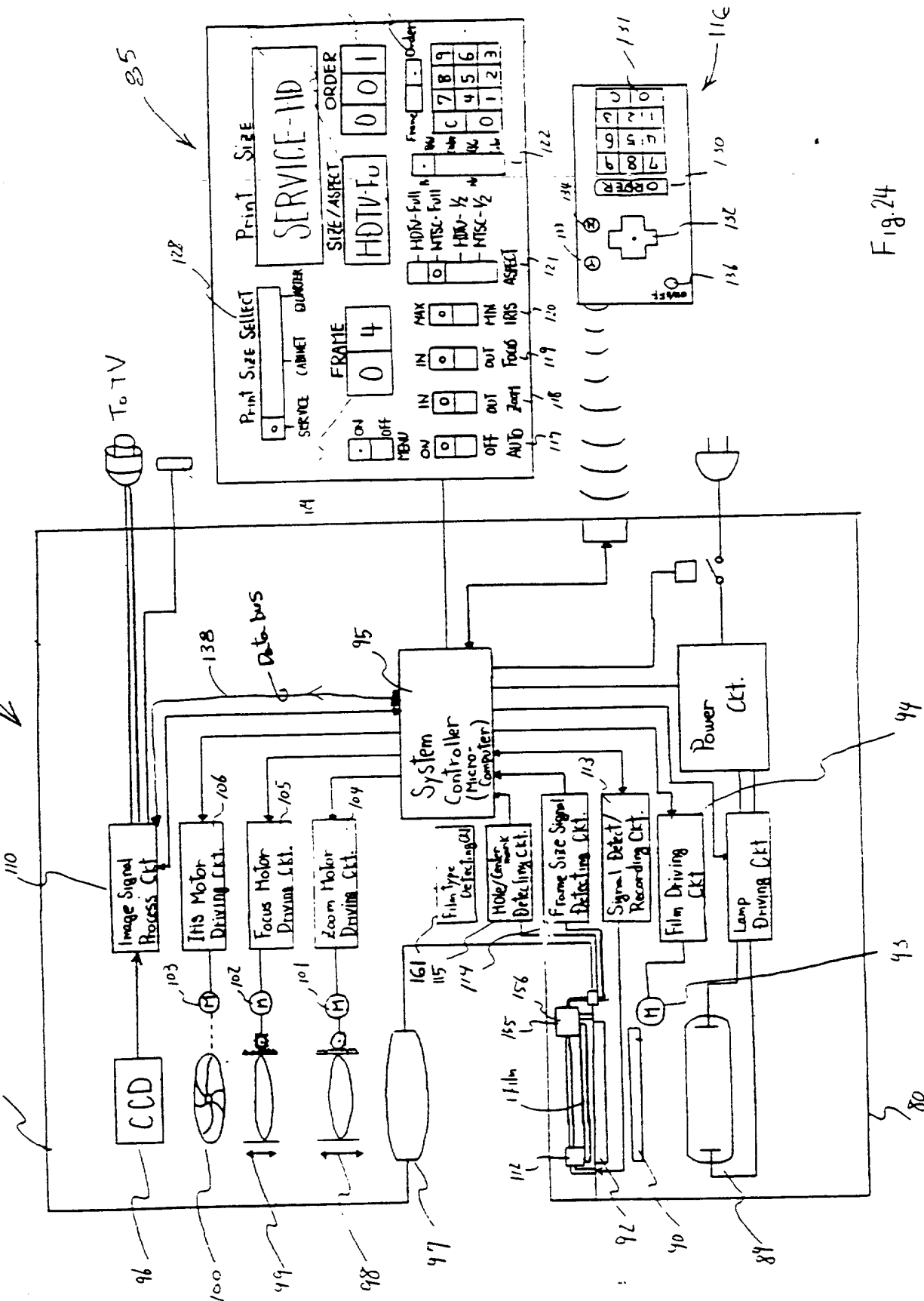


Fig. 24

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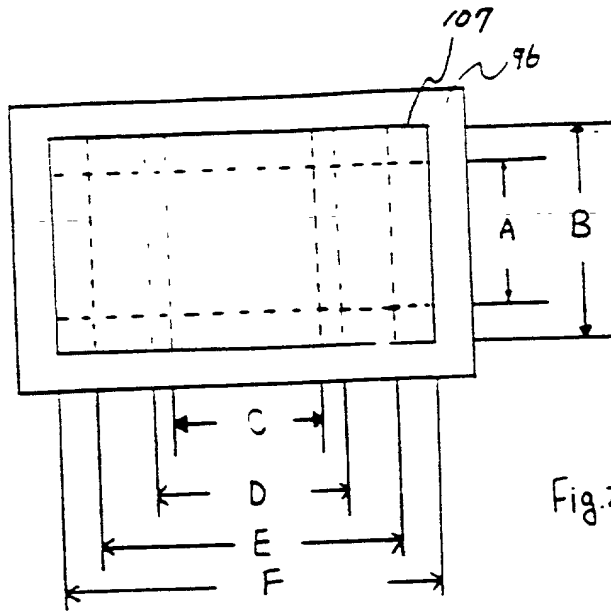


Fig. 25

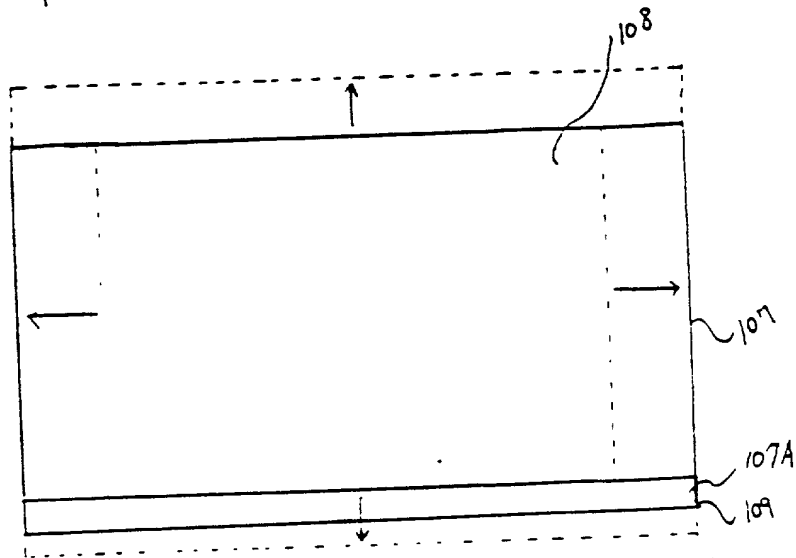


Fig. 26

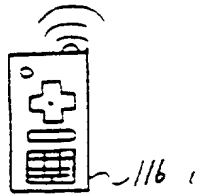
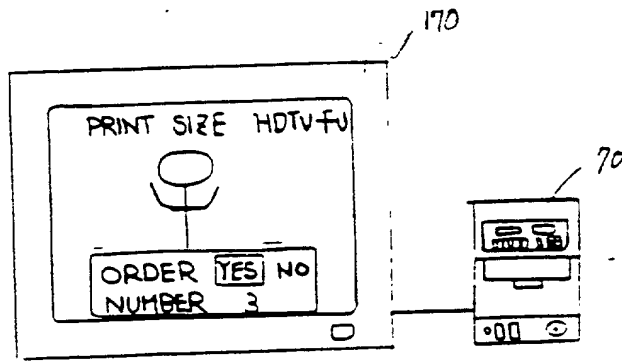


Fig 27

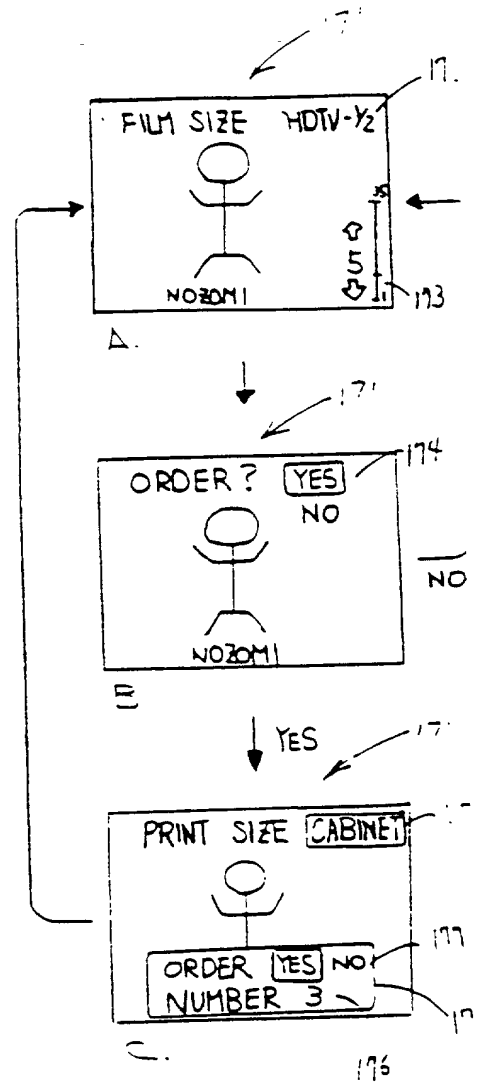


Fig 28

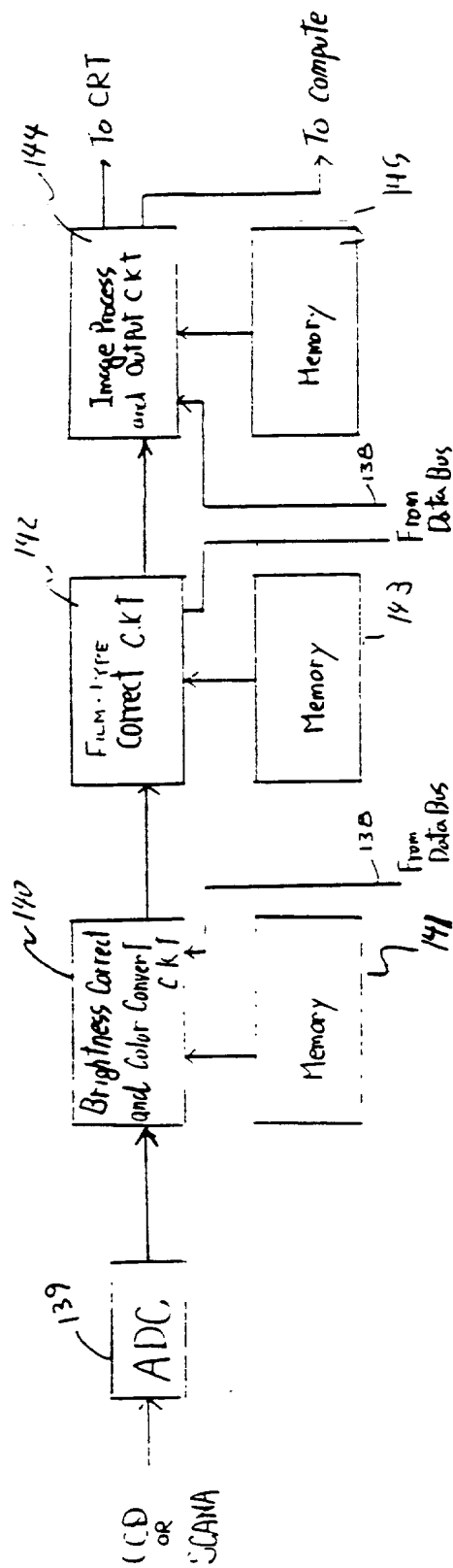


Fig 29A

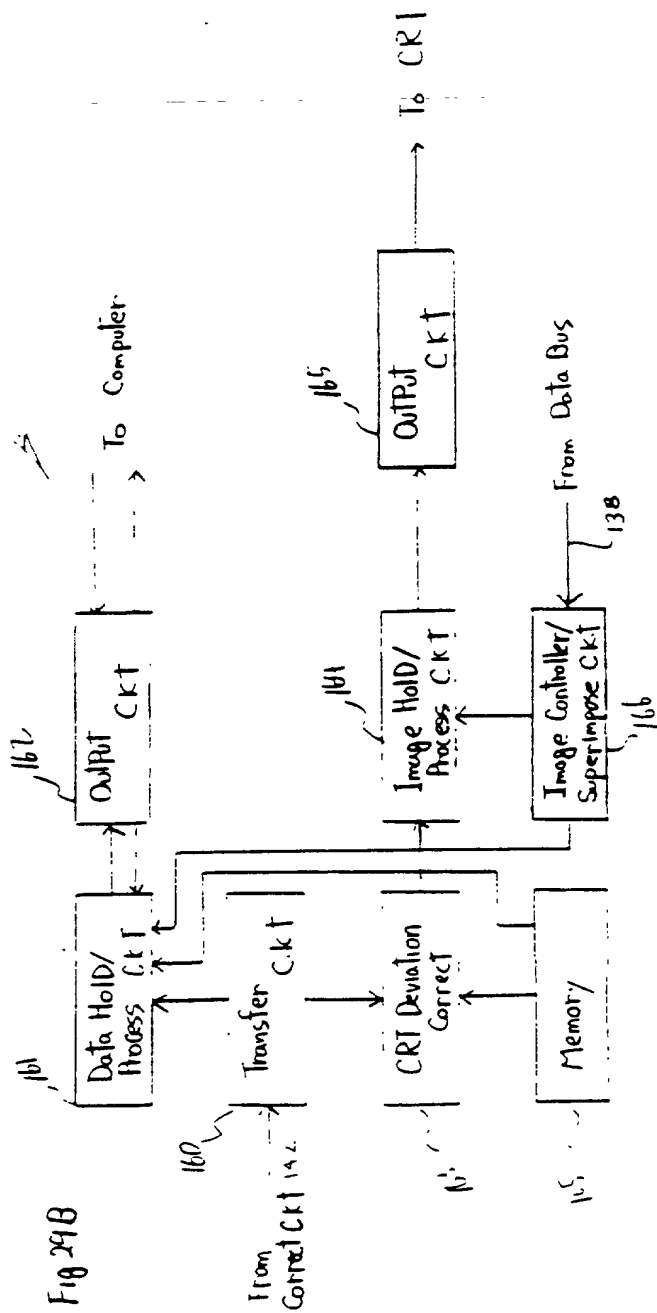


Fig 29B

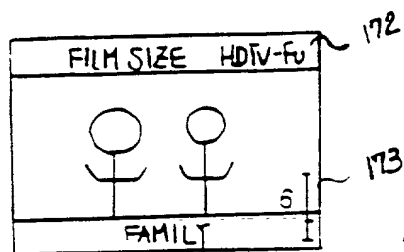


Fig 30A

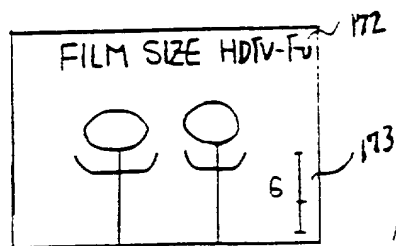


Fig. 30B

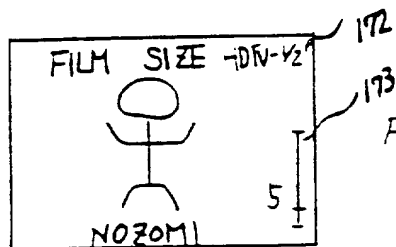
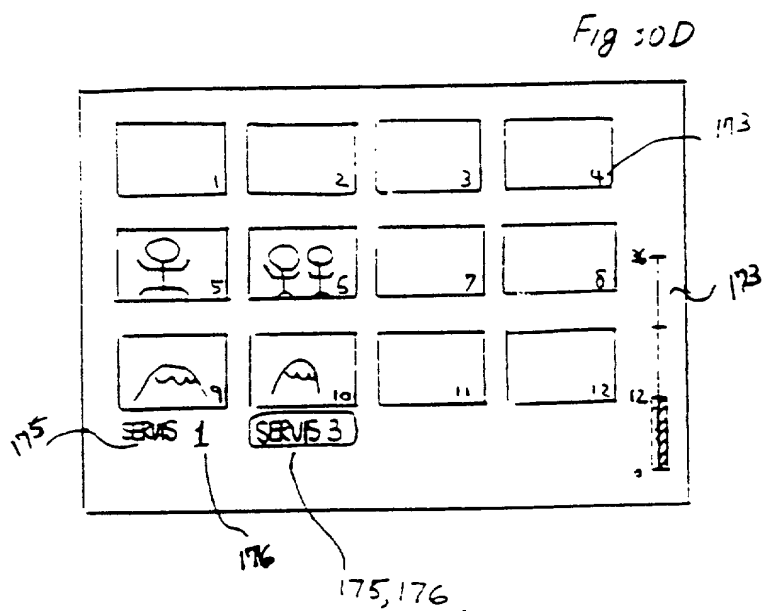
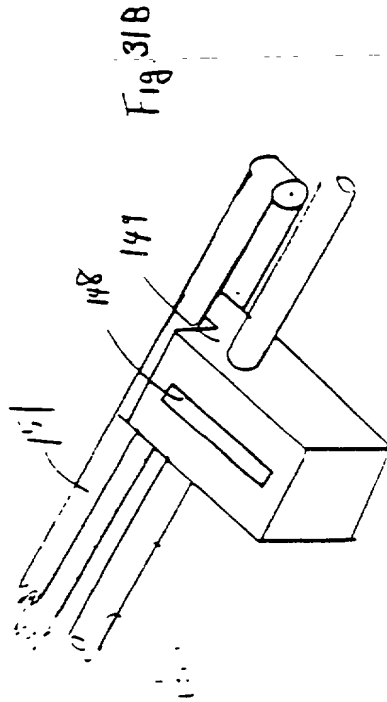
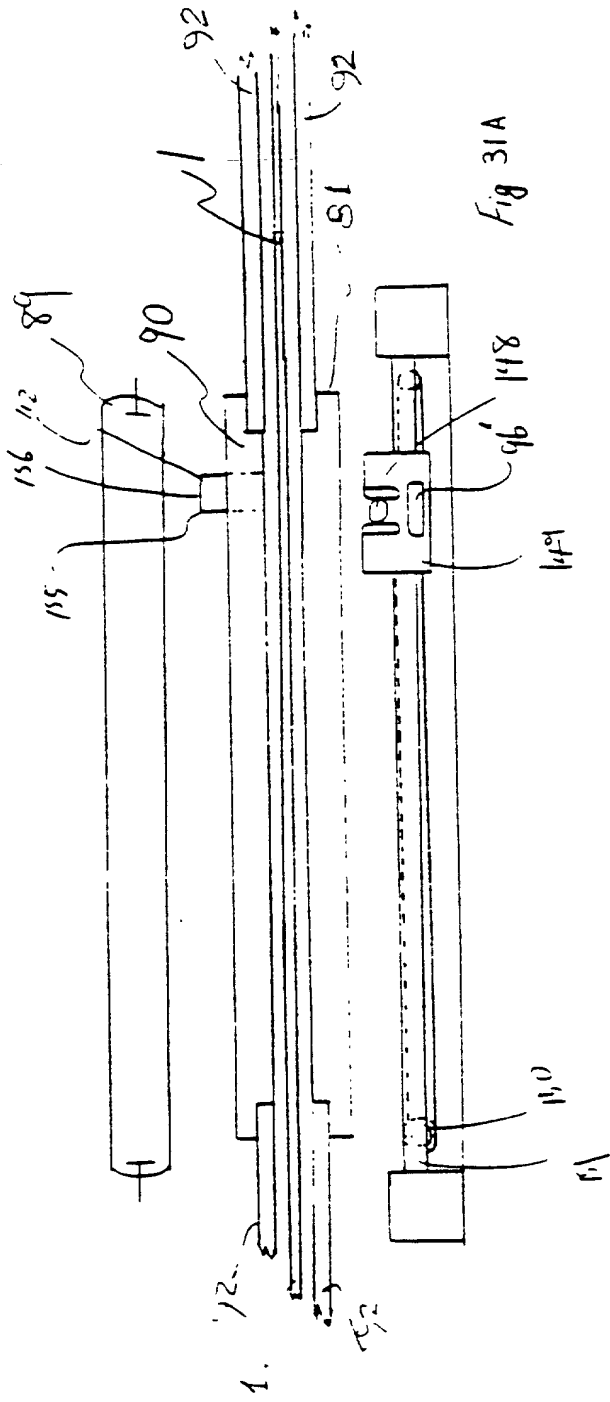


Fig. 30 C





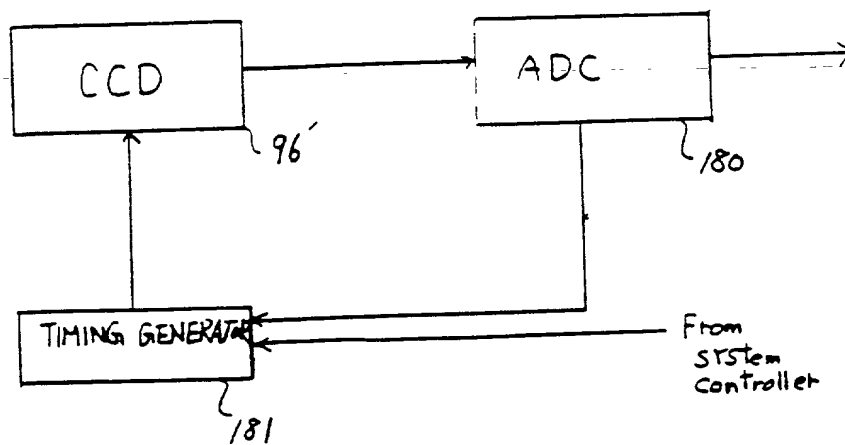


Fig. 32